



THE CITY OF SAN DIEGO

MEMORANDUM

DATE: October 10, 2008

TO: Honorable Councilmember Donna Frye, District 6

FROM: Rod Greek, Deputy Director, Water Department, and Darlene Morrow-Truver,
Deputy Director, Metropolitan Wastewater Department
via Jim Barrett, Director of Public Utilities

SUBJECT: Companion Memo - Update on the proposed Municipal Water and Sewer Bonds

The following is a description of the process followed for approval of both the Water Department and Metropolitan Wastewater Department's (MWWD) Capital Projects and how that process is integrated with the associated rate cases and bond offerings. The requested lists of projects being funded from capital provided by the water and wastewater bond issuances (part of question 2) are attached.

CAPITAL PROJECTS

As the need for a capital project is identified by Utility Engineers, a plan schedule, along with a preliminary estimate of the total project cost is put together. The project is then placed into the department's annual budget that is presented to council for approval as part of the annual appropriation ordinance. Once approved as part of this process, the department will begin assigning staff to plan and design the project which will then go forward to construction.

If an outside consultant is needed to assist with the design, the department follows the City's purchasing guidelines to obtain the services of an outside consultant. Depending on the dollar amount, this contract may be required to be approved by council. As the project is developed staff presents it to impacted community groups to ensure they are aware of the existence of the project and the impact the project will have on their community.

Once a project is 100% designed, a request for council action is processed to receive approval to request bids and award the construction contract. If council approves the action, then a request for proposal is issued, bids are submitted and the contract is awarded to the lowest responsive bidder.

It should be noted at this time that capital projects by nature are multi-year in duration. Therefore, funding for these projects is approved throughout the life cycle by a combination of the annual appropriation ordinance and the specific project requests that come forward to City Council or to the Mayor depending on the authority level required by the City's purchasing regulations.

RATE CASE and CAPITAL PROJECTS

The past Rate Cases encompassed a 4 year time frame for both MWWD, and the Water Department. Not all projects have life cycles that begin and end within the constraints of the rate cases. Because of this, you will see the same projects listed in multiple rate cases.

The approval of the rate case provides a mechanism for the Utilities to collect revenues sufficient to fund not only operations and maintenance of the Utilities, but also to fund the capital program. The capital program in both water and MWWD is funded with 20% cash (otherwise known as pay as you go), and 80% Debt. Therefore, on an annual basis, the revenue collected by rates is used to pay 20% of the capital program costs and the entire payment for principle and interest on the outstanding debt incurred during the year.

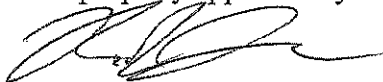
DEBT and CAPITAL PROJECTS

Both the Water Department and MWWD issue debt to fund our on-going capital programs. In recent years we've used private financing as we were unable to access public markets. Debt is issued at an amount necessary to cover department capital costs for a one to two year time horizon. As most utility capital projects have a life cycle longer than 2 years, each project will be funded by multiple private or public offerings.

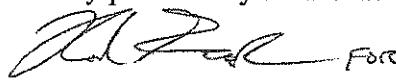
Which debt funds used for a particular project are dictated by the timing of the work that is done on that project and the relationship between when the invoice is received and paid by the City and what debt funds are available at that time for use on that project. For example if the project was approved for funding under both the 2007 \$57 million private note and the 2008 \$150 million private note, the city would use the funds from the \$57 million note until they were exhausted. At that point, the project would begin to use funds from the \$150 million note.

SUMMARY

When City Council approves a rate case, or they approve a bond offering, or they approve an annual budget, it doesn't remove the requirement for the Utilities to bring each individual project to the appropriate approval body for discussion and approval. Most utility projects overlap rate cases. Most utility projects receive funding from multiple debt issuances. All Utility projects are properly approved by the appropriate authority per the City's Purchasing Regulations.



Rod Greek
Deputy Director, Water Department



Darlene Morrow-Truver
Deputy Director, Metropolitan Wastewater
Department

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Honorable Councilmember Donna Frye, District 6
October 10, 2008

Attachments:

Water Department

List of Projects from 2007 Rate case and related Debt Issuances

Metropolitan Wastewater Department

List of Projects from 2007 Rate Case and related Debt Issuances

cc: Honorable City Councilmembers
Michael Aguirre, City Attorney
Stan Keller, Independent Monitor
Andrea Tevlin, Independent Budget Analyst
Jay Goldstone, Chief Operating Officer
Mary Lewis, Chief Financial Officer

ATTACHMENT 2

H.R.ato Casanovi D. Fryer Overview: 2007 RC vs. 2009 RC

WATER DEPARTMENT

ATTACHMENT 1

CIP Number	Project Title	Project Type	Justification	Actual 2007A Note Proceeds	Estimated 2008A Note Proceeds	Estimated 2009B Note proceeds	FY2008 through FY2011 Rate Case
730830	Annual Allocation - Water Main Replacements	Pipelines	CDPH Requirement	\$9,302,688	\$40,087,651	\$41,150,453	\$153,902,964
709105	Miramar Pipeline Improvements - Phase III & IV	Pipelines	CDPH Requirement	\$261,054			
709107	Miramar Pipeline Monitoring	Pipelines	CDPH Requirement			\$474,045	
732866	Otay 2nd Pipeline - Cast Iron Replacement Phase	Pipelines	CDPH Requirement	\$201,671	\$5,078,163	\$2,797,064	\$14,978,016
733420	Rancho Penasquitos Pump Station	Pump Station	CDPH Requirement	\$158,070	\$4,584,191	\$4,245,056	\$10,428,969
733280	Rancho Bernardo Reservoir Rehabilitation	Storage Facility	CDPH Requirement	\$514,590	\$1,970,061		\$6,717,043
732621	Alvarado WTP Ph 4 Ozone	Water Treatment Plants	CDPH Requirement	\$16,990	\$12,661,355	\$21,041,863	\$65,800,000
732840	Miramar Water Treatment Plant - Contract A	Water Treatment Plants	CDPH Requirement	\$27,801,836	\$19,933		\$2,558,531
732844	Miramar WTP Contract B - Flocc/Sedimentation Basins	Water Treatment Plants	CDPH Requirement	\$5,653,462	\$17,862,748	\$14,158,870	\$71,112,355
732846	Miramar WTP Contract C - Ozone Equip/Install	Water Treatment Plants	CDPH Requirement	\$88,537	\$13,815,780	\$8,946,011	\$28,650,373
732842	Miramar WTP Early Start Improv Phase 2	Water Treatment Plants	CDPH Requirement	(\$8,352)			
732850	Otay WTP Upgrades Phase 1	Water Treatment Plants	EPA Requirement	\$227,527	\$8,371,928	\$6,941,786	\$18,917,971
732852	Otay WTP Upgrades Phase 2 (CLO2)	Water Treatment Plants	EPA Requirement	\$1,353,530	\$10,626,121	\$4,101,343	\$15,300,000
733330	Annual Allocation - Air Valve Adjustments	Miscellaneous	CDPH Related Requirement		\$0		\$1,200,002
733310	Annual Allocation - Pooled Contingencies - Water	Miscellaneous	CDPH Related Requirement	\$0	\$6,758,130	\$6,090,836	\$16,674,993
733470	CIP Program Management	Miscellaneous	CDPH Related Requirement	\$0			
733471	Program Management	Miscellaneous	CDPH Related Requirement		\$800,000		\$16,000,000
733410	Black Mountain Rd. Pipeline (Potable Segment)	Pipelines	CDPH Related Requirement	(\$333,474)			
709570	Harbor Drive	Pipelines	CDPH Related Requirement	\$17,853	\$412,260	\$220,687	\$737,947
709534	La Jolla Shores Dr. 16" Water Main Repl.	Pipelines	CDPH Related Requirement				\$753,764
733550	Lindbergh Field 16 inch Cast Iron repl	Pipelines	CDPH Related Requirement				\$212,815
732864	Otay 2nd Pipeline - Isolate Service Sweetwater	Pipelines	CDPH Related Requirement	\$531			
732868	Otay 2nd Pipeline - North Encanto Replacement	Pipelines	CDPH Related Requirement	\$141,712	\$6,966,800	\$188,054	\$7,944,857
732863	Otay Second Pipeline - Cathodic Protection Phase	Pipelines	CDPH Related Requirement	\$123,228			
732860	Otay Second Pipeline Improvements	Pipelines	CDPH Related Requirement	\$582			
733430	Lower Otay Reservoir - Emergency Outlet Improvmt	Storage Facility	CDPH Related Requirement	\$9,026	\$85,626	\$139,042	\$5,743,750
732845	Miramar WTP Contract D - Landscape & Site Improvement	Water Treatment Plant	CDPH Related Requirement	\$642		\$22,364	\$4,761,807
732613	Alvarado WTP Expansion Phase 2	Water Treatment Plants	CDPH Related Requirement	\$4,885,527			
732619	Alvarado WTP Expansion SDFCF 12	Water Treatment Plants	CDPH Related Requirement				\$4,500,000
732623	Alvarado WTP Ph 3 Rehab Flocc/Sed Basins	Water Treatment Plants	CDPH Related Requirement	\$856,732	\$1,844,160	\$17,925,950	\$19,754,610

WATER DEPARTMENT

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CIP Number	Project Title	Project Type	Justification	Actual 2007A Note Proceeds	Estimated 2008A Note Proceeds	Estimated 2009B Note proceeds	FY2008 through FY2011 Rate Case
732622	Alvarado WTP Ph 5 Site Work	Water Treatment Plants	CDPH Related Requirement				\$58,377
732843	Miramar WTP SDFCF 24, 25, 26	Water Treatment Plants	CDPH Related Requirement	\$11,128	\$365,109	\$930,633	\$3,767,754
709557	Black Mountain North Villages	Reclaimed Water Pipelines	EPA goal of 50% beneficial use				
709541	Black Mountain Rd. PL (Reclaimed) Design-Build	Reclaimed Water Pipelines	EPA goal of 50% beneficial use				
709540	North City Reclamation System	Reclaimed Water Pipelines	EPA goal of 50% beneficial use	(\$125,742)			\$1,502,796
709543	Black Mountain Ranch RW Storage Tank	Reclaimed Water Pipelines	EPA goal of 50% beneficial use				
709542	Black Mountain Road Gap RW Pipeline Project	Reclaimed Water Pipelines	EPA goal of 50% beneficial use		\$0		
709556	Camino Del Sur RW P/L- Participation Agreement	Reclaimed Water Pipelines	EPA goal of 50% beneficial use		\$772,094	\$844,892	\$1,490,626
709555	Camino Del Sur RW Project- E&CP Road Improvement	Reclaimed Water Pipelines	EPA goal of 50% beneficial use		\$138,533	\$516,882	\$772,823
709545	Carmel Valley Reclaimed Water Pipeline	Reclaimed Water Pipelines	EPA goal of 50% beneficial use		\$14,905	\$3,653,541	
709420	Annual Allocation - Pooled Contingencies - RWDS	Reclaimed Miscellaneous	EPA goal of 50% beneficial use		\$350,451	\$417,533	\$2,000,000
709548	Los Penasquitos Canyon Recycled Water Project	Reclaimed Water Pipelines	EPA goal of 50% beneficial use		\$980,664	\$2,616,775	
709490	Annual Allocation - Reclaimed Water Extension	Reclaimed Water Pipelines	EPA goal of 50% beneficial use	\$175,379	\$400,003	\$470,122	\$2,000,000
709553	Pacific Highlands RWP (Participation agreement)	Reclaimed Water Pipelines	EPA goal of 50% beneficial use		\$17,446	\$70,776	
709554	Mira Sorrento Place RW Pipeline	Reclaimed Water Pipelines	EPA goal of 50% beneficial use				
733140	San Diego Flow Control & Pump Station 17 (SD 17)	Security	Grant Funded	\$51,057	\$5,218,564	\$8,366,922	\$15,064,251
759319	Water Dept Security Upgrades - Pipelines (30 in. and larger)	Security	Grant Funded				
759310	Water Dept. Security Upgrades	Security	Grant Funded	\$2,919,679		\$415,356	\$171,326
759312	Water Dept. Security Upgrades - Alvarado	Security	Grant Funded		\$44,538		
759316	Water Dept. Security Upgrades - Encl PS	Security	Grant Funded		\$1,106,368		\$2,400,000
759311	Water Dept. Security Upgrades - Miramar	Security	Grant Funded		\$30,893		\$100,000
759317	Water Dept. Security Upgrades - Non-Encl PS	Security	Grant Funded				
759313	Water Dept. Security Upgrades - Otay	Security	Grant Funded				
759314	Water Dept. Security Upgrades - Regulators	Security	Grant Funded		\$5,326		\$700,000
759315	Water Dept. Security Upgrades - Reservoirs & Dams	Security	Grant Funded		\$186,242		\$1,400,000
759318	Water Dept. Security Upgrades - Tank Standpipe Res	Security	Grant Funded		\$228,901		\$1,900,000
739100	Annual Allocation - Seismic Upgrades	Miscellaneous	Grant Funded	\$978,645	\$0		
739101	Fault Crossing Retrofits to Large Pipelines	Miscellaneous	Grant Funded		\$976,879	\$235,744	\$1,033,879
739103	Landslide/Liquefaction Pipeline Mitigation	Miscellaneous	Grant Funded		\$2,107,273	\$297,197	\$2,346,657
999999	Groundwater Pilot Production Well (Engineering)	Groundwater	Grant Funded		\$400,000		
991000	Groundwater Pilot Production Well (Geo-technical)	Groundwater	Grant Funded		\$1,119,998		
759320	Groundwater Asset Development Program	Groundwater	Long-Range WRP Goal	\$447,550			\$27,663,623

WATER DEPARTMENT

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CIP Number	Project Title	Project Type	Justification	Actual 2007A Note Proceeds	Estimated 2008A Note Proceeds	Estimated 2009B Note proceeds	FY2008 through FY2011 Rate Case
759329	Groundwater Pilot Production Wells	Groundwater	Long-Range WRP Goal			\$867,322	
759324	San Pascual Brackish Groundwater Desal Demo Ph III	Groundwater	Long-Range WRP Goal			\$257,658	\$2,531,132
	San Pascual Groundwater Management Plan	Groundwater	Long-Range WRP Goal				\$15,273
733640	Alvarado Water Quality Lab Roof Replacement	Miscellaneous	Operational Requirement				
733100	Annual Allocation - Corrosion Control	Miscellaneous	Operational Requirement	\$364	\$80,001	\$87,014	\$441,640
733610	Annual Allocation - Meter Boxes	Miscellaneous	Operational Requirement		\$0	\$435,063	\$2,000,000
739000	Annual Allocation - Pressure Reduction Facility	Miscellaneous	Operational Requirement		\$0	\$240,000	\$850,000
	Barrett Flume Cover	Miscellaneous	Operational Requirement				\$45,736
999999	Dulzura Conduit Concrete Covers	Miscellaneous	Operational Requirement			\$95,200	
733190	El Capitan Reservoir Road Improvements	Miscellaneous	Operational Requirement				\$3,269,832
732461	Kensington Pressure Regulator	Miscellaneous	Operational Requirement				\$140,112
759390	South County Raw Water Reservoir Intertie Study	Miscellaneous	Operational Requirement		\$624,098		\$779,998
733480	Telemetry Control System (SCADA) - Phase 2	Miscellaneous	Operational Requirement	\$107,960			
709631	Alvarado Service Area Improvements	Pipelines	Operational Requirement				\$5,000,000
709590	El Capitan Pipeline No. 2	Pipelines	Operational Requirement				\$7,723,300
709600	El Monte Pipeline No. 2	Pipelines	Operational Requirement				\$8,126,530
709610	Keamy Mesa Pipeline Upgrade	Pipelines	Operational Requirement				\$566,562
709633	Miramar Service Area Improvements	Pipelines	Operational Requirement				\$5,000,000
732865	Otay 2nd Pipeline - Cathodic Protect Otay Ranch	Pipelines	Operational Requirement	\$2,360			\$425,836
732869	Otay Second Pipeline - Alta View Pipeline Replacement	Pipelines	Operational Requirement	\$73,340			
709632	Otay Service Area Improvements	Pipelines	Operational Requirement				\$5,000,000
732480	Pomerado Pipeline No. 2	Pipelines	Operational Requirement			\$9,335	
732490	South San Diego Pipeline No. 2	Pipelines	Operational Requirement				
709530	Torrey Pines Rd/La Jolla Blvd Main Replacement	Pipelines	Operational Requirement	\$545,238			
709532	Torrey Pines Rd/La Jolla Blvd WMR Phase 2	Pipelines	Operational Requirement				
732630	Annual Allocation - Water Pump Station Rehabilitations	Pump Station	Operational Requirement		\$0		\$2,000,016
	Scripps Miramar Pump Station Upgrade	Pump Station	Operational Requirement				\$44,953
732634	Tierrasanta (Via Dominique) Pump Station	Pump Station	Operational Requirement				\$233,009
749250	Annual Allocation - Dams and Reservoirs	Storage Facility	Operational Requirement		\$0	\$217,525	\$1,000,000
732770	Annual Allocation - Standpipes and Reservoirs	Storage Facility	Operational Requirement	\$143			\$2,000,016
733170	Barrett Reservoir Outlet Tower Upgrade	Storage Facility	Operational Requirement	\$1,429,252	\$62,622	\$4,133	\$963,036
734006	Catalina Standpipe Renovation	Storage Facility	Operational Requirement				\$3,079,832

CIP Number	Project Title	Project Type	Justification	Actual 2007A Note Proceeds	Estimated 2008A Note Proceeds	Estimated 2009B Note proceeds	FY2008 through FY2011 Rate Case
749755	Lake Hodges Dam Modification	Storage Facility	Operational Requirement		\$71,439	\$31,070	\$307,873
732500	Otay WTP Clearwell Storage	Storage Facility	Operational Requirement	\$30,864			
734004	Pomerado Park Reservoir Upgrade	Storage Facility	Operational Requirement				\$70,192
749256	San Carlos Reservoir Interior Enhancement	Storage Facility	Operational Requirement			\$394,860	\$577,915
730240	Annual Allocation - Freeway Relocations	Pipelines	Projects required by CALTRANS	\$224,591	\$39,998	\$43,503	\$200,000
730289	CAL TRANS - Carroll Canyon Bridge - I15 14" 16" Reclaimed Wtr	Pipelines	Projects required by CALTRANS		\$847,524		
730290	CAL TRANS - Carroll Canyon Bridge - I15 16" Potable Water	Pipelines	Projects required by CALTRANS		\$1,485,918	\$546	\$2,000,000
730285	CAL TRANS I-905	Pipelines	Projects required by CALTRANS		\$16,906	\$1,054	\$11,977
730282	CAL TRANS-Duenda Rd-I15	Pipelines	Projects required by CALTRANS		\$2,088		
730287	CAL TRANS-El Monte-Route 67	Pipelines	Projects required by CALTRANS		\$56,705	\$35,940	
730283	CAL TRANS-W.Bernardo Dr-I1	Pipelines	Projects required by CALTRANS		\$1,761		
730284	SR125 - Toll Road	Pipelines	Projects required by CALTRANS		\$2,088		
			TOTAL	\$57,945,770	\$149,700,000	\$150,000,000	\$585,427,649

METROPOLITAN WASTEWATER DEPARTMENT
ATTACHMENT 2

CIP Number	Project Title	Project Type	Justification	2007 Private Note Proceeds	Anticipated 2009 Bond Proceeds	2007 Rate Case Totals (2007 thru 2010)
42-934.0	ALVARADO LAB ROOF	Other Metropolitan System Projects	Operational Requirement of MWWWD	0	144,258	0
42-913.0	ANNUAL ALLOCATION - METRO BIOSOLIDS CENTER	Annual Allocation Projects	Operational Requirement of MWWWD	1,225,563	719,904	3,278,636
45-959.0	ANNUAL ALLOCATION - METRO OPERATIONS CENTER	Annual Allocation Projects	Operational Requirement of MWWWD	126,564	56,952	628,512
41-926.0	ANNUAL ALLOCATION - METROPOLITAN SYSTEM PUMP STATIONS (formerly Annual Allocation - Pump Stations 1 & Pump 2)	Annual Allocation Projects	Operational Requirement of MWWWD	3,802,926	5,067,239	9,374,675
42-926.0	ANNUAL ALLOCATION - NORTH CITY WATER RECLAMATION PLANT	Annual Allocation Projects	Operational Requirement of MWWWD	592,126	187,951	1,760,280
45-932.0	ANNUAL ALLOCATION - SOUTH BAY WATER RECLAMATION PLANT	Annual Allocation Projects	Operational Requirement of MWWWD	75,917	70,198	738,888
45-965.0	ENVIRONMENTAL MONITORING & TECH. SERVICES LAB BOAT DOCK	Other Metropolitan System Projects	Operational Requirement of MWWWD	604,566	1,117,086	2,434,253
46-187.0	ENVIRONMENTAL MONITORING & TECHNICAL SERVICES LAB PHASE 1	Other Metropolitan System Projects	Operational Requirement of MWWWD	516,009	0	506,249
40-921.0	FIRP PHASE II DIGESTED SLUDGE AND CENTRATE PIPELINE	Other Metropolitan System Projects	Operational Requirement of MWWWD	0	0	176,009
45-984.0	MBIC BIOSOLIDS STORAGE SILOS	Metro Biosolids Projects	Operational Requirement of MWWWD	433,926	1,800,834	9,546,366
45-982.0	MBIC CENTRATE COLLECTION UPGRADES	Metro Biosolids Projects	Operational Requirement of MWWWD	99,517	1,493,184	0
45-983.0	MBIC DEWATERING CENTRIFUGES REPLACEMENT	Metro Biosolids Projects	Operational Requirement of MWWWD	0	111,144	407,463
45-989.0	MBIC ODOR CONTROL FACILITY UPGRADES	Metro Biosolids Projects	Operational Requirement of MWWWD	427,198	352,768	5,622,908
45-981.0	MBIC STANDBY CENTRIFUGE FEED FACILITIES	Metro Biosolids Projects	Operational Requirement of MWWWD	122,905	1,111,429	1,676,852
45-991.0	MBIC SWITCHGEAR RECONFIGURATION	Metro Biosolids Projects	Operational Requirement of MWWWD	41,918	0	2,236,066
45-988.0	MBIC WASTEWATER FORCEMAIN EXTENSION	Metro Biosolids Projects	Operational Requirement of MWWWD	114,362	0	1,345,168
42-911.4	METRO BIOSOLIDS CENTER	Metro Biosolids Projects	Operational Requirement of MWWWD	66,864	0	70,780
45-968.0	METRO FACILITIES CONTROL SYSTEM UPGRADE	Other Metropolitan System Projects	Operational Requirement of MWWWD	981,777	4,216,231	10,466,783
45-993.0	NCWRP - EDR ENCLOSURE	North City Water Rec. Plant Projects	Operational Requirement of MWWWD	0	447,920	0
41-944.0	NCWRP - EFFLUENT PUMP STATION UPGRADE	North City Water Rec. Plant Projects	Operational Requirement of MWWWD	76,590	0	742,161
41-942.0	NCWRP - SLUDGE PUMP STATION UPGRADE	North City Water Rec. Plant Projects	Operational Requirement of MWWWD	8,665	221,205	349,607
42-933.0	NCWRP - ULTRAFILTRATION & EDR UPGRADE	North City Water Rec. Plant Projects	Operational Requirement of MWWWD	76,667	0	1,709,840
42-915.0	NCWRP PERMANENT DEMINERALIZATION FACILITY - PHASE 1	North City Water Rec. Plant Projects	Operational Requirement of MWWWD	346,789	0	21,468
45-964.0	NORTH CITY RAW SLUDGE / POINT LOMA CATHODIC PROTECTION	North City Water Rec. Plant Projects	Operational Requirement of MWWWD	100,653	0	550,689
41-924.0	OTAY RIVER PUMP STATION	Other Metropolitan System Projects	Operational Requirement of MWWWD	81,793	0	59,438
45-170.0	POINT LOMA - DIGESTER FACILITY UPGRADE AND EXPANSION	Point Loma Wastewater Treatment Plant Projects	Operational Requirement of MWWWD	75,123	0	75,122
41-925.0	POINT LOMA FOURTH SLUDGE PUMP AND OTHER MODIFICATIONS	Point Loma Wastewater Treatment Plant Projects	Operational Requirement of MWWWD	47,112	0	47,112
45-960.0	POINT LOMA SOUTH ACCESS ROAD PROTECTION PROJECT	Point Loma Wastewater Treatment Plant Projects	Operational Requirement of MWWWD	113,714	0	113,545
46-218.0	POINT LOMA-DIGESTER S1 AND S2 UPGRADES	Point Loma Wastewater Treatment Plant Projects	Operational Requirement of MWWWD	1,188,349	0	581,773
45-502.0	POOLED CONTINGENCY	Other Metropolitan System Projects	Operational Requirement of MWWWD	0	0	1,419,499
41-928.0	PUMP STATION 1 & 2 LARGE PUMPS IMPROVEMENT PROJECT	Other Metropolitan System Projects	Operational Requirement of MWWWD	273	0	1,235
45-915.0	PUMP STATION 2 ONSITE STANDBY POWER	Other Metropolitan System Projects	Operational Requirement of MWWWD	257,291	632,360	9,143,012
42-930.0	SBWRP DEMINERALIZATION PHASE 1 & 2	South Bay Water Rec. Plant Projects	Operational Requirement of MWWWD	82,859	12,000	1,630,762
42-910.0	SOUTH BAY WATER RECLAMATION PLANT	South Bay Water Rec. Plant Projects	Operational Requirement of MWWWD	0	0	283,383
40-911.3	SOUTH BAY WATER RECLAMATION SEWER AND PUMP STATION	South Bay Water Rec. Plant Projects	Operational Requirement of MWWWD	0	0	35,177
40-911.4	SOUTH EAST OTAY MESA SLUDGE PIPELINE	Other Metropolitan System Projects	Operational Requirement of MWWWD	33,656	0	0
45-961.0	SOUTH METRO SEWER REHABILITATION PHASE IIIB	Other Metropolitan System Projects	Operational Requirement of MWWWD	65,630	0	157,506

METROPOLITAN WASTEWATER DEPARTMENT

ATTACHMENT 2

CIP Number	Project Title	Project Type	Justification	2007 Private Note Proceeds	Anticipated 2009 Bond Proceeds	2007 Rate Case Totals (2007 thru 2010)
45-920.0	WASTEWATER OPERATIONS MANAGEMENT NETWORK (COMNET)	Other Metropolitan System Projects	Operational Requirement of MWWWD	313,404	0	227,551
45-940.0	WET WEATHER STORAGE FACILITY	Other Metropolitan System Projects	Operational Requirement of MWWWD	0	188,440	4,668,665
45-942.0	METROPOLITAN OPERATIONS CENTER EXPANSION, PHASE II	Other Metropolitan System Projects	Operational Requirement of MWWWD	3,985	0	112,155
46-180.0	POINT LOMA - OPERATIONS BUILDING AND VISITOR CENTER	Point Loma Wastewater Treatment Plant Projects	Operational Requirement of MWWWD	0	0	22,843
46-119.0	ANNUAL ALLOCATION - PT. LOMA TREATMENT PLANT & RELATED FACILITIES	Annual Allocation Projects	Operational Requirement of MWWWD	1,032,375	148,627	3,428,771
45-943.0	POINT LOMA - GRIT PROCESSING IMPROVEMENTS	Point Loma Wastewater Treatment Plant Projects	Operational Requirement of MWWWD	1,828,910	743,583	12,559,859
46-501.0	POOLED CONTINGENCY	Other Metropolitan System Projects	Operational Requirement of MWWWD	0	0	331,732
46-208.0	ANNUAL ALLOCATION - ACCELERATED PROJECTS	Annual Allocation Projects	Operational Requirement of MWWWD	584,200	2,719,204	1,818,332
44-001.0	ANNUAL ALLOCATION - SEWER MAIN REPLACEMENTS	Annual Allocation Projects	Consent Decree Requirement	19,782,253	30,877,734	103,879,085
46-106.0	ANNUAL ALLOCATION - SEWER PUMP STATION RESTORATIONS	Annual Allocation Projects	Consent Decree Requirement	6,316,363	303,536	12,109,097
46-194.0	ANNUAL ALLOCATION - TRUNK SEWER REHABILITATIONS	Annual Allocation Projects	Consent Decree Requirement	3,358,389	3,630,774	33,349,654
40-932.0	CAMDEN REDEVELOPMENT	Other Municipal System Projects	Operational Requirement of MWWWD	6,772	0	0
40-927.0	CENTRE CITY SEWER IMPROVEMENTS	Other Municipal System Projects	Operational Requirement of MWWWD	0	0	4,356
40-910.2	CHOLLAS VALLEY TRUNK SEWER	Pipeline, Trunk, & Interceptor Sewer Projects	Operational Requirement of MWWWD	40,084	0	84,004
46-162.0	EAST LINDA VISTA TRUNK SEWER - PHASES I AND II	Pipeline, Trunk, & Interceptor Sewer Projects	Operational Requirement of MWWWD	40,267	0	39,049
40-920.4	EAST MISSION GORGE TRUNK SEWER REHABILITATION	Pipeline, Trunk, & Interceptor Sewer Projects	Operational Requirement of MWWWD	233,199	0	58,305
46-195.6	EAST POINT LOMA TRUNK SEWER	Pipeline, Trunk, & Interceptor Sewer Projects	Consent Decree Requirement	65,906	4,164,514	19,650,001
46-205.0	HARBOR DRIVE TRUNK SEWER REPLACEMENT	Pipeline, Trunk, & Interceptor Sewer Projects	Consent Decree Requirement	79,532	0	392,093
46-139.0	HOME AVE TRUNK SEWER, CONTRACTS I,II,III	Pipeline, Trunk, & Interceptor Sewer Projects	Operational Requirement of MWWWD	0	0	5,023
46-194.2	LA JOLLA/PACIFIC BEACH TS - CHELSEA STREET RELOCATION 1	Other Municipal System Projects	Operational Requirement of MWWWD	104,945	16,163	188,960
46-200.0	SEWER PUMP STATION 30A RELOCATION	Sewer Pump Stations	Operational Requirement of MWWWD	21,677	0	143,495
46-602.0	SEWER PUMP STATION 41 REHABILITATION	Sewer Pump Stations	Consent Decree Requirement	0	5,192,023	0
46-601.6	SEWER PUMP STATION 46.1	Sewer Pump Stations	Operational Requirement of MWWWD	2,029,756	0	1,009,790
46-197.0	SORRENTO VALLEY TRUNK SEWER RELOCATION	Pipeline, Trunk, & Interceptor Sewer Projects	Operational Requirement of MWWWD	8,764,418	14,400	3,213,717
40-931.0	SOUTH MISSION VALLEY TRUNK SEWER	Pipeline, Trunk, & Interceptor Sewer Projects	Consent Decree Requirement	182,428	7,458,841	13,333,288
40-928.0	SOUTH PACIFIC HIGHWAY TRUNK SEWER	Pipeline, Trunk, & Interceptor Sewer Projects	Operational Requirement of MWWWD	684,078	0	727,284
46-199.0	WEST LINDA VISTA TRUNK SEWER	Pipeline, Trunk, & Interceptor Sewer Projects	Operational Requirement of MWWWD	3,408	0	0
46-193.0	ANNUAL ALLOCATION - CIP CONTINGENCIES	Annual Allocation Projects	Operational Requirement of MWWWD	0	0	14,174,369
45-975.0	ANNUAL ALLOCATION - DEVELOPER PROJECTS	Annual Allocation Projects	Operational Requirement of MWWWD	0	0	2,340,376
40-933.0	ANNUAL ALLOCATION - MWWWD TRUNK SEWERS	Annual Allocation Projects	Consent Decree Requirement	2,066,833	6,592,341	10,729,987
46-050.0	ANNUAL ALLOCATION - PIPELINE REHABILITATION	Annual Allocation Projects	Consent Decree Requirement	10,720,074	48,803,627	69,368,498
41-927.0	ANNUAL ALLOCATION - PS 64, 65, PENASQUITOS & E. MISSION GORGE	Annual Allocation Projects	Operational Requirement of MWWWD	456,882	0	1,884,221
46-505.0	ANNUAL ALLOCATION - UNSCHEDULED PROJECTS	Annual Allocation Projects	Operational Requirement of MWWWD	1,450,574	755	5,324,498
46-196.6	BALBOA TRUNK SEWER	Pipeline, Trunk, & Interceptor Sewer Projects	Consent Decree Requirement	101,707	0	6,320,279
45-938.0	BEACH AREA LOW FLOW STORM DRAIN DIVERSION	Other Municipal System Projects	Operational Requirement of MWWWD	0	0	1,734,435
46-136.0	CARMEL VALLEY TRUNK SEWER E/O I-5	Pipeline, Trunk, & Interceptor Sewer Projects	Operational Requirement of MWWWD	0	0	778,706
46-169.0	EAST MISSION GORGE FORCE MAIN REHABILITATIONS	Other Municipal System Projects	Operational Requirement of MWWWD	134,340	520,198	919,624
46-197.9	LAKE MURRAY IN CANYON TRUNK SEWER	Pipeline, Trunk, & Interceptor Sewer Projects	Consent Decree Requirement	576,223	9,828,464	12,659,154